

Figure 2

## Aspergillus niger

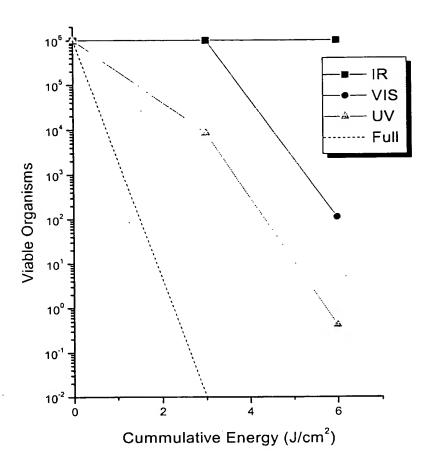


Figure 3

## Bacillus stearothermophilus

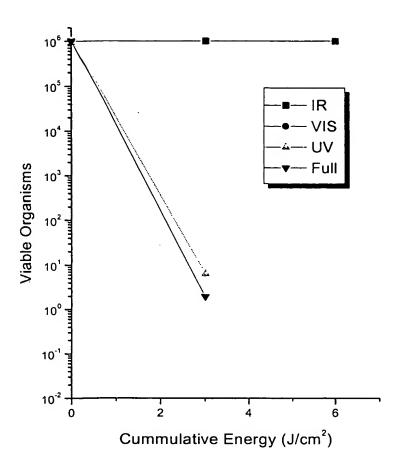


Figure 4

## Pseudomonas aeruginosa

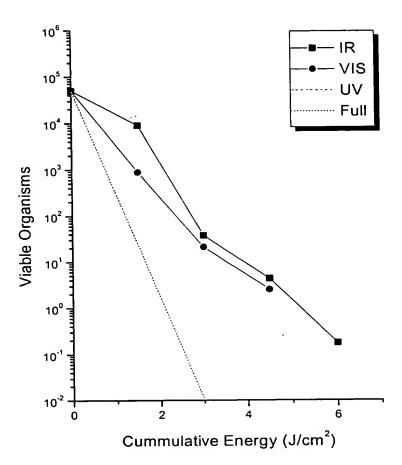


Figure 5

## Bacillus stearothermophilus Inoculum $\boldsymbol{D}_{\text{value}}$ 10<sup>6</sup> 10<sup>5</sup> mJ/cm<sup>2</sup> (240-280 nm) 104 7.808 10<sup>4</sup> 106 10<sup>3</sup> 7.441 No. of Survivors per unit 10<sup>1</sup> 10° 10<sup>-1</sup> 10-2 10<sup>.3</sup> 10<sup>-4</sup> 10<sup>-5</sup> 10-6 10<sup>-7</sup> 1 10<sup>-8</sup> 1 70 80 90 100 110 120 130 140 10 20 30 40 50 60 Energy (mJ/cm<sup>2</sup>)

Figure 6

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